

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket: ATM-2273

Applicant : Hans-Rudolf NÄGELI et al.  
Serial No. : Not yet assigned  
Filed : 12/01/2000  
For : PROCESS FOR PRODUCTION OF A PLASTIC-  
COATED ALUMINIUM FOIL AND PACKAGING MADE  
FROM THIS

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please amend this application as follows:

**IN THE CLAIMS:**

In Claim 3, line 1, cancel "1 or".

Amend Claim 5 as follows:

-- 5. (Once Amended) The process according to [any of claims 1 to]

Claim 4, wherein [characterised in that] the shock-like cooling speed ( $V_A$ )  
of the plastic layer (14) is greater than 10°C/sec. --

Amend Claim 7 as follows:

-- 7. (Once Amended) The process according to [any of claims 1 to]

Claim 6, wherein [characterised in that] the shock-like cooling of the plastic

layer (14) is carried out by partial looping over at least one cooled roller (20, 22). --

Amend Claim 8 as follows:

-- 8. (Once Amended) The process according to [any of claims 1 to] Claim 6, wherein [characterised in that] the shock-like cooling of the plastic layer (14) is carried out by direct cooling by means of a liquid or gaseous coolant (30). --

Amend Claim 12 as follows:

-- 12. (Once Amended) The process according to [any of claims 1 to] Claim 11, wherein [characterised in that] as an adhesion-promotion agent (16), co- or terpolymers modified to promote adhesion with ethylene (E) or propylene (P) as one of the monomer components are used, in particular E.AA, E.MAA, E.VA, E.MA, E.EA, E.nBA, E.CO, E.VA.CO, E.nBA.CO, E.AE.AA or P.MAH, where Aa is acrylic acid, AE acryl ester, (MA, EA, BA), nBA n-butyl acrylate, CO carbon monoxide, EA ethyl acrylate, MA methyl acrylate, MAA methacrylic acid, MAH maleic anhydride and VA vinyl acetate. --

Amend Claim 13 as follows:

-- 13. (Once Amended) The process according to [any of claims 1 to] Claim 12, or [use of] using a coated aluminium foil (10) produced with

the process according to [any of claims 1 to] Claim 12, [for production of]  
comprising producing a package (40) for moist animal feed (42). --

Amend Claim 14 as follows:

-- 14. (Once Amended) Packaging made from an aluminium foil  
(24) coated with plastic (14) and produced with the process according to  
Claim [any of claims 1 to] 12. --

Cancel Claim 18 and insert therefor:

-- 19. Process comprising packaging moist animal feed in the  
packaging according to Claim 17. --

Add the following claims:

-- 20. The process according to Claim 1, wherein the start  
temperature ( $T_S$ ) for the shock-like cooling of the plastic layer (14) lies  
above the crystallite melt point ( $T_K$ ) of the plastic (14) and the end  
temperature ( $T_E$ ) of the shock-like cooling lies at least 40°C below the  
crystallite melt point ( $T_K$ ).

21. The process according to Claim 1, wherein the shock-like  
cooling speed ( $V_A$ ) of the plastic layer (14) is greater than 10°C/sec.

22. The process according to Claim 1, wherein the shock-like  
cooling of the plastic layer (14) is carried out by partial looping over at least  
one cooled roller (20, 22).

23. The process according to Claim 1, wherein the shock-like cooling of the plastic layer (14) is carried out by direct cooling by means of a liquid or gaseous coolant (30).

24. The process according to Claim 1, wherein as an adhesion-promotion agent (16), co- or terpolymers modified to promote adhesion with ethylene (E) or propylene (P) as one of the monomer components are used, in particular E.AA, E.MAA, E.VA, E.MA, E.EA, E.nBA, E.CO, E.VA.CO, E.nBA.CO, E.AE.AA or P.MAH, where Aa is acrylic acid, AE acryl ester, (MA, EA, BA), nBA n-butyl acrylate, CO carbon monoxide, EA ethyl acrylate, MA methyl acrylate, MAA methacrylic acid, MAH maleic anhydride and VA vinyl acetate.

25. The process according to Claim 1, or using a coated aluminium foil (10) produced with the process according to Claim 1, comprising producing a package (40) for moist animal feed (42).

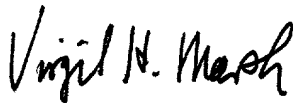
26. Packaging made from an aluminium foil (24) coated with plastic (14) and produced with the process according to Claim 1.

27. Process comprising packaging moist animal feed in the packaging according to Claim 14. --

**REMARKS**

Please enter this Preliminary Amendment before calculating the filing fee. The claims have been rewritten to eliminate multiple dependency.

Respectfully submitted,



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